



Control Data 869/871 Disk Packs are removable, interchangeable memory devices which are used in conjunction with multiple disk drives and direct-access storage facilities. The disk pack and associated drive provide random-access data storage for computer systems.

The 869 and 871 Disk Packs contain 11 recording disks each. Nine disks have two recording surfaces; two have one recording surface. This provides a total of 20 data storage surfaces per disk pack, and up to 200 tracks can be recorded on each surface. The disks are 14.030 inches in diameter, 0.050-inch thick, and made of aluminum which is coated with ferromagnetic iron oxide material in suitable binder.

The sector disk is located adjacent to the lowest recording disk of the pack assembly, and the presence (or absence) of radial slots at the edge of the sector disk constitutes the major difference between the 869/871 packs. This disk is 0.051-inch thick and 14.3 inches in diameter. The sector disk of the 871 pack has 14 sectors, and is compatible with CDC and equivalent drives. The 869 pack has only the index slot, permitting its use with various IBM direct-access storage facilities and equivalents (see Specifications).

An exceptionally strong, special plastic is used in all Control Data disk pack canisters. This enclosure is engineered to prevent dust from entering the pack assembly while in storage, and protects the entire pack from damage. The disk pack is attached to the top cover,

which contains a handle for easy load/unload handling. A replaceable filter is located at the bottom of the pack and prohibits particles of 45 microns or larger from reaching the recording surfaces. While rotating, the disk pack acts as an air pump, drawing air through the filter and dispersing the air radially between the disk surfaces. This provides a filtered-air environment for the recording heads and prevents intrusion of foreign particles.

SPECIFICATIONS

Number of Recording Disks: 11

Recording Surfaces: 20

Sector Disk: 869 Pack—index only.
871 Pack—14 sectors.

Canister Size: 14 $\frac{3}{4}$ " diameter
6" high

Overall Weight: 14 pounds

Compatibility: 869 Pack—IBM 2314, 2314-A2 and equivalent.

871 Pack—CDC 841-3, 841-4, 841-5,
841-6, 841-7 and 841-8.

All Control Data disk packs are designed and manufactured under strict quality-control conditions and warranted to perform as promised according to highly critical performance standards. For further details, please contact your nearest Control Data Representative.